

20020707.qrp v02_n609.qrl.20020707

Date: Sun, 7 Jul 2002 19:03:13 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2609

QRP-L Digest 2609

Topics covered in this issue include:

- 1) [129282] Need Help with AT-11
by "M.M." <markem@cox.net>
- 2) [129283] K8FF Paddle Case --- how to build
by Chuck Adams <k7qo@earthlink.net>
- 3) [129284] Re: Help with CIRCAD
by "Dave Fifield" <dave@redhotradio.com>
- 4) [129285] QRP Homebrewer
by "Dave Fifield" <dave@redhotradio.com>
- 5) [129286] Fox: N4DD Fox Log
by "Dennis Brickey" <n4dd@preferred.com>
- 6) [129287] If its Saturday it must be Belgium! me and my 817!
by "Brian B. Riley \ (N1BQ\) ListAcct" <n1bq_list@wulfden.org>
- 7) [129288] Original Price of DSW-20
by Phil Wheeler <w7ox@earthlink.net>
- 8) [129289] Re: Need Help with AT-11
by "M.M." <markem@cox.net>
- 9) [129290] Re: FOX N0RC log updates, corrections and more
by "George, W5YR" <w5yr@att.net>
- 10) [129291] Re: Jumper Length's
by adamvaz@palm.net (Adam Vazquez)
- 11) [129292] QRP Plus and MFJ DSP unit combo for sale!
by Jeff <fantbb@yahoo.com>
- 12) [129293] Re: Original Price of DSW-20
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 13) [129294] DSW original prices
by JClinton46@aol.com
- 14) [129295] on Being the Fox
by "Rod N0RC" <rod@n0rc.us>
- 15) [129296] Re: Original Price of DSW-20
by "Dave Fifield" <dave@redhotradio.com>
- 16) [129297] Re: on Being the Fox
by "George, W5YR" <w5yr@att.net>
- 17) [129298] RE: Original Price of DSW-20
by Conrad Weiss <radman@best.com>
- 18) [129299] KG6CYN Site Updated
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 19) [129300] Re: New Kit(s)

by "Dennis Ponsness" <wb0wao@hotmail.com>
20) [129301] Re: [fpqrp] Indy Hamfest
by "Dennis Ponsness" <wb0wao@hotmail.com>
21) [129302] Re: Indy Hamfest
by <igeq100@iupui.edu>
22) [129303] Real Antenna
by "Karl F. Larsen" <k5di@zianet.com>
23) [129304] Last Call
by "Ron Polityka" <wb3aal@fast.net>
24) [129305] Re: on Being the Fox
by "John J. McDonough" <wb8rcr@arrl.net>
25) [129306] Re: Flagstaff Arizona
by Chris Trask <ctrask@primenet.com>
26) [129307] Re: YABQS (Yet Another Battery Question-Solution)
by WE7X@aol.com
27) [129308] Re: on Being the Fox
by "Karl F. Larsen" <k5di@zianet.com>
28) [129309] Re: Flagstaff Arizona
by Bruce Grubbs <mail@brucegrubbs.com>
29) [129310] Re: Flagstaff Arizona
by Bruce Grubbs <mail@brucegrubbs.com>
30) [129311] Re: on Being the Fox
by "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
31) [129312] Lobstercon Report
by Jim Cluett <w1pid@yahoo.com>
32) [129313] Re: on Being the Fox
by W2AGN <w2agn@w2agn.net>
33) [129314] Re: on Being the Fox
by "Karl F. Larsen" <k5di@zianet.com>
34) [129315] Re: on Being the Fox
by W2AGN <w2agn@w2agn.net>
35) [129316] Re: on Being the Fox
by "Rod N0RC" <rod@n0rc.us>
36) [129317] Tuthill 2002 Lodging/camping
by "Bob Hightower" <nk7m@extremezone.com>
37) [129318] Crystal Sources?
by Al Scanandoah <k2zn@rochester.rr.com>
38) [129319] Re: Real Antenna
by Jim Campbell <jim-c@nc.rr.com>
39) [129320] Another radio vacation adventure
by Nils R Young <nilsbull@juno.com>
40) [129321] QRP/ V01
by "Thaire Bryant" <w2apf@attbi.com>
41) [129322] Re: Real Antenna
by "James R. Duffey" <jamesd1@flash.net>
42) [129323] Re: Tuthill 2002 Lodging/camping
by Chris Trask <ctrask@primenet.com>
43) [129324] Re: Tuthill 2002 Lodging/camping

- by "Bob Hightower" <nk7m@extremezone.com>
- 44) [129325] Re: Real Antenna
by Jim Campbell <jim-c@nc.rr.com>
- 45) [129326] 'of DSWs and ground swells'
by "Dave Benson" <nn1g@earthlink.net>
- 46) [129327] Re: YABQ (Yet Another Battery Question)
by psykey@okcforum.org (Jim Glover)
- 47) [129328] Re: Real Antenna
by "Mike Yetsko" <myetsko@insydesw.com>
- 48) [129329] Re: Real Antenna
by W2AGN <w2agn@w2agn.net>
- 49) [129330] Re: Real Antenna
by Jim Campbell <jim-c@nc.rr.com>
- 50) [129331] SASK Hamfest 2002 early report.(long)
by Bruce Rattray <rattray@gpfn.sk.ca>
- 51) [129332] Re: Tuthill 2002 Lodging/camping
by "Karl F. Larsen" <k5di@zianet.com>
- 52) [129333] Re: Real Antenna
by "James R. Duffey" <jamesd1@flash.net>
- 53) [129334] Re: 'of DSWs and ground swells'
by "Bill, N4QA" <n4qa@hotmail.com>
- 54) [129335] Propagation mysteries
by "Ian Wilson" <ianmwilson@earthlink.net>

Date: Sat, 06 Jul 2002 16:11:26 -0700
From: "M.M." <markem@cox.net>
To: qrp-l@lehigh.edu
Subject: [129282] Need Help with AT-11
Message-ID: <5.1.0.14.0.20020706160253.00b17260@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Getting ready to run some psk-31, I dug out my old LDG AT-11 autotuner and I'd like to re-calibrate it. Unfortunately, I can't find my manual. I looked up the manual at LDG's web site but it's for version 2.5 and mine's 2.1. The tune-up procedure is probably essentially the same but the test points are not labelled on the board (at least I haven't found them). Can some kind soul check his/her manual and tell me where the test points are on the older board?

Many thanks... Mark AA7TA

Date: Sat, 06 Jul 2002 23:10:55 +0100

From: Chuck Adams <k7qo@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [129283] K8FF Paddle Case --- how to build
Message-ID: <5.1.0.14.0.20020706230153.009f6020@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

I know that there are a number of individuals in this group that have either built one or more NorCal paddle kits or have bought one or more Vibroplex Code Warriors. And then there are any number of other small paddles that you can build a case for.

I have spent this morning building and documenting how to build one using simple techniques in the woodshop. All you need is a Mitre box and about \$6 of wood from Home Depot or where ever. Having a small router will speed some things up for you. Remember to use safety procedures at all times when working with power tools. I will leave on Monday for Lost Wages for a two day tournament. Two years ago I played against a guy that lost a part of on hand due to a table saw accident who was at the same tournament and I most likely will see him again. I don't want to hear of such things from this group and please please don't start a thread on this. I get ill thinking about it. Please don't.

So here is the link

<http://www.qsl.net/k7qo/norpad.html>

Those of you that do woodworking can improve on the design, but of course you probably have more invested in the shop that the price of a brand new Yaesu FT-1000MP or DSP.... :-)) I have the books with all the expensive tools and maybe some day I'll make the investement but right now it's machining tools getting the money.....

I will be updating the page as I build another correctly this time. :-))

dit dit es enjoy,

Chuck Adams, K7QO CP-60 k7qo@earthlink.net
<http://www.qsl.net/k7qo>

Moving to Arizona? --- Bring your own water, please.

Date: Sat, 6 Jul 2002 17:25:14 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: <w8diz@fpqrp.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [129284] Re: Help with CIRCAD
Message-ID: <000f01c2254c\$c35eb020\$0400a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dieter,

I assume you're talking about an old free DOS version
of CIRCAD and not the newer commercial Windows
version.

There is no direct component copy feature. You either
have to place a new component of the same type - and
once you are in PLACE, COMPONENT mode, you
can continue to place as many of that type of component
as you like, or, you can do a BLOCK, RECTANGLE
command, use the mouse to select a rectangle that encompasses
the component you are going to copy, click somewhere on
the rectangle (at the end of one of the component pins is usually
a good idea) to set the origin of the block to be copied,
and then do BLOCK, COPY to get a copy of the block
you just selected. You can then place the copy anywhere
you like.

This make sense? Hope it helps....

72, Dave, AD6A

----- Original Message -----
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, July 06, 2002 2:34 PM
Subject: Help with CIRCAD

> Help...

>

> I forgot how to copy a component on a CIRCAD schematic!
> Anyone know the keyboard sequence to COPY a component?
>
> 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
> Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
> SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
> FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>
>
>

Date: Sat, 6 Jul 2002 17:59:02 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [129285] QRP Homebrewer
Message-ID: <002301c22551\$7c4f84c0\$0400a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just got back from doing some shopping chores
and found the new New Jersey QRP Club's
QRP Homebrewer magazine had arrived. It's
absolutely packed with really good (that is,
stuff I'm likely to use) projects and hints etc.
The emphasis is on Manhattan Island construction
(not a surprise!). There's the SOP receiver, a
Manhattan version of the SST and tons more....

If you are not already a subscriber and are at
all interested in homebrewing, then you should be!
Check out <http://www.njqrp.org/> for subscription
information.

Thank you George and crew for putting out yet
another wonderful edition of QRP Homebrewer!

Disclaimer - I'm just a satisfied customer and have
no business interest in the NJQRP club or the
QRP Homebrewer magazine.

Cheers es 72,
Dave Fifield, AD6A

Date: Sat, 6 Jul 2002 21:24:44 -0400
From: "Dennis Brickey" <n4dd@preferred.com>
To: <qrp-1@lehigh.edu>
Cc: <n4dd@preferred.com>
Subject: [129286] Fox: N4DD Fox Log
Message-ID: <000901c22555\$14c99bc0\$71f3e4ce@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok Guys, Here it is. Please take a moment to evaluate the log, and let me know of any obvious discrepancies. Once again, thanks for the opportunity to play in the dog house. It was a blast. I must admit that I listened on my transmit frequency on several occasions, and the hounds were behaving themselves. I appreciate that. This is truly one of my favorite activities. Let's keep it going!

Best Regards,

Dennis

UTC CALL RST SPC NAME PWR

0201 K3IU 559 RI KEN 5W
0201 K5EOA 559 LA WAYNE 5W
0202 N0TK 559 CO DAN 5W
0203 W9HL 559 IL RANDY 5W
0203 W5YR 559 TX GEORGE 5W
0204 NM5M 559 TX ERIC 5W
0205 K5DW 559 TX DON 5W
0205 VA6RF 579 AB EARL 5W
0206 VE5RC 599 SK BRUCE 5W
0206 N9NE 579 WI TODD 100mw

0208 N3XRV 559 PA CHRIS 5W
0208 VE6EX 559 AB DAN 5W
0209 K5OI 559 OK TIM 5W
0211 W0CH 559 MO DAVE 5W
0212 NK6A 559 CA DON 5W
0213 WA9TZE 559 WI JIM 5W
0213 K0EVZ 569 ND DOC 5W

0215 W9UQB/7 559 AZ MIKE 5W
0215 N0UR 599 MN JIM 5W
0216 KB9YIG 589 IN TONY 500mw

0217 K5DI 589 NM KARL 5W
0218 W3CD 559 CA BOB 5W
0218 K8CV 559 MI WALT 5W
0219 WB8RCR 559 MI JOHN 3W
0221 K4FB 559 FL PAUL 5W
0221 NX8C 559 MI NEIL 5W
0222 K8HJ 559 MI JOHN 5W
0223 WE9K 559 WI GLENN 5W
0225 N1TP 559 FL TOM 5W
0225 K3ESE 559 MD LLOYD 5W

0226 VE6JAZ 579 AB ROB 5W
0227 KC1FB 559 CT JIM 1W
0228 N4ROA 559 VA DAN 5W
0229 K4BYF 559 FL JACK 5W
0232 KC5NT 599 TX ED 5W
0234 KI0II 559 NE RON 1W
0236 KD5AAD 599 TX MIKE 5W
0236 VE3FAL 599 ON FRED 5W
0239 NQ7K 559 AZ MIKE 5W
0241 AD6JV 559 CA BILL 5W

0242 K9IUA 559 IL KEVIN 5W
0242 WR50 559 TX DAVE 5W
0243 N0IT 559 MO DAVE 5W
0246 K5BGB 589 TX ROD 5W
0247 KF4VTM 559 VA DAN 5W
0248 W4NJK 559 CA CHARLIE 5W
0250 W6ABC 599 CA JACK 5W
0250 W9XU 599 WI LON 5W
0251 VE4WI 559 MB CRAIG 5W
0252 NK9G 599 WI RICK 5W

0254 K0FRP 579 CO AL 5W
0255 K9DI 449 IL WAYNE 5W
0259 K5SR 559 TX DALE 5W
0305 N5YFC 559 LA WAYNE 5W
0307 KD5KXF 559 TX MIKE 5W
0308 K5UNY 599 TX ALEX 5W
0310 WD5RS 559 TX RUSS 4W
0313 WB7AEI 449 WA PHIL 5W
0315 AC7A 559 AZ TOM 5W
0316 K7IE 579 OR CLAIR 5W

0317 N0RZ 559 KS CHAS 5W
0319 AB9CA 559 AL DAVE 5W
0321 WA8BXN 559 NY MIKE 5W
0323 N9WW 559 IL JIM 2W
0327 N5ZE 559 TX LEW 5W
0328 KG4PSN 559 FL ADAM 4W
0332 W9XU 559 WI LON 5W
0334 Y03BHJ 559 YO FLORIN 5W
0337 AJ4AY 559 AL JAY 4W
0340 AG0T 559 ND TODD 4W

0341 N5IB 559 LA JIM 5W
0352 W5TB 559 TX DOC 5W
0358 AA4LR 559 GA BILL 5W

N4DD FOX
N0RC FOX

Date: Sat, 6 Jul 2002 21:50:28 -0400
From: "Brian B. Riley \((N1BQ\) ListAcct" <n1bq_list@wulfden.org>
To: "NJ-QRP List" <njqrp@njqrp.org>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
Subject: [129287] If its Saturday it must be Belgium! me and my 817!
Message-ID: <NLECJEINFMOPPBOKKBNECEJLEPAA.n1bq_list@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My wife and I started a relaxed day by hopping the long ferry across Lake Champlain to Port Kent, NY and drove to a veteran's picnic/BBQ on Fern Lake over near Au Sable Forks, NY. Last night I decided to take my 817 along.

It turns out we were kind of early so I set up the FT817, the Z-11 and my AN271 nine foot whip, with my chalkline cased counterpoise reeled out to about 30 feet.

The bands were not very active at first and all I could hear was some guy in Louisville yakking up a storm on 14.305 for the Kentucky QSO Party. I shuffled back and forth between CW and SSB parts of 20-17-15-10 hearing very little and not being able to work what I heard. I was about to call it an

afternoon when I decided to give 17m one last listen and there, parked on 18.165 was a Belgian special event station working stations left and right ... I listened a bit, tweaked the tuner up 2KHz, then settled back on 18.165 and waited for an opening and popped off my call and got a quick comeback ... I got a perfunctory 59 and gave him a 58 and then sat back and grinned ... it was particularly satisfying as I had just been showing off the gear to another veteran who I had met there who was a former RTO in RVN.

I don't have any QSL info on this guy ... anybody have any info on QSLing OS6AA. I think he said his own call is ON6AA.

My wife was busy snapping pix of the lake etc and got one of the setup here <<http://www.wulfden.org/NVQS/02jul68171.jpg>> . The AN271 has a 3/8-24 thread that fits nicely on a CB hand screw mount that I just clamped to the back of a handy chair, ran out the counterpoise on the ground, plugged in the gel cell and headphones and off I went. When it started to rain later it took me about 3 minutes to take it all down and put it in the two small bags. With this whip I find that on 20-17-15 the Z-11 will not often autotune close to 1 to 1, but it will get down close and usually one or two touches to the manual switches will bring it down near perfect.

cheers ... 73 de brian, n1bq

"life is way to short for \$800 finals"

P.S. on the gastronomical front, I didn't make it to the QRP Lobstercon gathering over in Maine but ... one thing they did at the picnic was deep fry a bunch of turkeys. They had these deep pots of peanut oil sitting on propane fired burners and put these 15-17 pound turkeys in for something like 3 minutes per pound ... if you have never had it you are missing something!!!! they are moist and the crispy skin is out of this world.

Date: Sat, 06 Jul 2002 19:00:36 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [129288] Original Price of DSW-20
Message-ID: <3D27A0C4.4010308@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-15; format=flowed
Content-Transfer-Encoding: 7bit

Can anyone help me recall what this kit sold for (incl. the enclosure)?

TIA es 73, Phil

Date: Sat, 06 Jul 2002 19:20:05 -0700
From: "M.M." <markem@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [129289] Re: Need Help with AT-11
Message-ID: <5.1.0.14.0.20020706191820.0a107980@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 16:11 07/06/02 -0700, M.M. wrote:
>Getting ready to run some psk-31, I dug out my old LDG AT-11 autotuner and
>I'd like to re-calibrate it. Unfortunately, I can't find my manual. ...

Never mind...I found the schematic on the ARRL site and it tells me what I
need to know (the test points are the wipers for the adjustment pots).

Thanks anyway...

See you on psk31....

73... Mark AA7TA

Date: Sat, 06 Jul 2002 21:33:21 -0500
From: "George, W5YR" <w5yr@att.net>
To: rod@n0rc.us
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [129290] Re: FOX N0RC log updates, corrections and more
Message-ID: <3D27A871.794D300C@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod, I may be misunderstanding this, but it looks to me that your map shows
that there was about an 800 mile circle in which few if any contacts were
made, and that the contacts made in the shaded states were made outside or
beyond that circle.

At the time you worked N5ZE in Austin, TX, several of us in North Texas
were listening and talking with Lew in a Yahoo Chat Room. Although he could

hear you well enough to work you, we were unable to hear the slightest suggestion of a signal up here.

Interesting study, but the map can be a little misleading since the entire state of Texas is shaded but you made only 4 contacts here pretty much on or beyond that 800 mile circle.

I don't feel any better about missing you, but at least I have a better understanding of why! <:}

I think that we need to give serious consideration to starting the Hunts at 0100Z in order to get in some operating time before the skip lengthens out as it did last time.

When the Hunt started at 0200Z, Dennis was S9+ but within an hour he was in the noise here and I was hearing European DX with stronger signals.

73/72/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Rod N0RC wrote:

>
> Below is my log with corrections to date.
>
> I got curious about propagation so I look up each call, and used the
> CITY, ST info from QRZ; to figure distance with "How Far is IT?",
> <http://www.indo.com/cgi-bin/dist>. I put the results on a web page at:
>
> http://www.frii.com/~rwc/fox/fox_prop.html
>
> There you will find a map with an 800 mile (1287 km) radius-circle
> from my QTH. States worked are shaded (sorry didn't take find a
> Canadian Province Map). Finally you will find the Fox log sorted by
> time and distance. Kinda interesting.

Date: Sat, 06 Jul 2002 23:02:34 -0400
From: adamvaz@palm.net (Adam Vazquez)
To: kf4yyd@adelphia.net, qrp-l@lehigh.edu
Subject: [129291] Re: Jumper Length's
Message-ID: <20020707030234.8E9514518@mo120uhou.palm.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

kf4yyd@adelphia.net wrote on 7/4/02 9:42 am:

>Hello,
> When one is connecting an
>ATU to the output of the rig
>is there an
>optimum length of cable to
>use? or is long enough to do
>the job what your
>looking for. In the
>references available to me
>they all say to use a short
>length but they never give
>any dimensions.
>
>Just curious,
>
>Tom kf4yyd
>Fredericksburg Virginia
>

Hello de Adam

The length of the jumper cable should not make a difference, unless you are experiencing erratic operation. Where you place your direct connection to ground on your gear should be more important.

SGC (www.sgcworld.com) has several books in PDF. They describe grounding at the ATU as the best method. Read the book 'Mobiling at 500 watts'.

Date: Sat, 6 Jul 2002 20:21:20 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-1@lehigh.edu>
Subject: [129292] QRP Plus and MFJ DSP unit combo for sale!
Message-ID: <20020707032120.18458.qmail@web20411.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I am selling a QRP Plus and MFJ DSP as a combo if possible. I would like \$400 for the combo if possible.
The QRP Plus works fine on SSB and CW except for one caveat. You have to hold down the memory button when you turn it on to have the memories work. I changed out the interal battery twice as a low

battery will cause that to happen. The MFJ DSP unit works great!
\$400 for the pair is a good deal!

73!

Jeff

=====

AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798, Fanatic A's fan #1

Do You Yahoo!?

Sign up for SBC Yahoo! Dial - First Month Free

<http://sbc.yahoo.com>

Date: Sat, 6 Jul 2002 20:25:55 -0700

From: "Trevor Jacobs" <kg6cyn@earthlink.net>

To: <w7ox@earthlink.net>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [129293] Re: Original Price of DSW-20

Message-ID: <006401c22566\$01e7de20\$547579a5@tjnotebook>

MIME-Version: 1.0

Content-Type: text/plain;

charset="ISO-8859-15"

Content-Transfer-Encoding: 7bit

I think around \$130.00 with the custom anodized case...

73's Trev KG6CYN

----- Original Message -----

From: "Phil Wheeler" <w7ox@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, July 06, 2002 7:00 PM

Subject: Original Price of DSW-20

> Can anyone help me recall what this kit sold for (incl. the enclosure)?

>

> TIA es 73, Phil

>

>

>

Date: Sat, 06 Jul 2002 23:29:09 -0400
From: JClinton46@aol.com
To: qrp-1@lehigh.edu
Subject: [129294] DSW original prices
Message-ID: <47AA953E.7C1D1C87.0ACD1CE7@aol.com>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

I don't remember if the prices went up before they were discontinued but the original price was \$90 for the kit and \$35 for the enclosure.

73
Clint Poss
KE4FDT

Date: Sat, 6 Jul 2002 21:52:57 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [129295] on Being the Fox
Message-ID: <000f01c22569\$c90d21b0\$6601a8c0@BIGDOG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Working hounds split has become the norm. But few call CQ indicating so, e.g. CQ FOX N0RC UP K. In the interest of good operating procedure, I think it wise to add this item to the Fox CQ protocol.

Why? Consider my run while the MI QSO party was going on. And, consider a contest OP who knows nothing about Fox hunting. Hearing CQ FOX N0RC K might be confusing. Hearing CQ FOX N0RC UP K tells the OP to listen up (should they choose) to help them figure out what is going on. Also, it tells the Hounds where to transmit, minimizing to some extent the QRM to others trying to operating who are not in the hunt.

So how about it? SOP from now on indicate UP/D in the Fox CQ? Perhaps even better might be to call UP/D AND by how much e.g. CQ FOX N0RC UP1 K.

73, Rod N0RC

Date: Sat, 6 Jul 2002 20:53:31 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [129296] Re: Original Price of DSW-20
Message-ID: <00f401c22569\$dc271da0\$0400a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="ISO-8859-15"
Content-Transfer-Encoding: 7bit

The manual for the DSW20 I have says that the cases
(with all hardware) were \$38 inc shipping. I must admit,
I thought the basic DSW kits were around \$115 or \$125
when new, so with the case, it was more like \$150.

Is Dave K1SWL around? Dave, can you tell us what the
original prices were? I'd like to know too....

Cheers,
Dave F.
AD6A

----- Original Message -----
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
Subject: Re: Original Price of DSW-20

> I think around \$130.00 with the custom anodized case...
>
> 73's Trev KG6CYN
> ----- Original Message -----
> From: "Phil Wheeler" <w7ox@earthlink.net>
> Subject: Original Price of DSW-20
>
>
> > Can anyone help me recall what this kit sold for (incl. the enclosure)?
> >
> > TIA es 73, Phil

Date: Sun, 07 Jul 2002 00:12:55 -0500
From: "George, W5YR" <w5yr@att.net>
To: rod@n0rc.us
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129297] Re: on Being the Fox
Message-ID: <3D27CDD7.96E05104@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Suits me, Rod - the more info the better . . . that way I will know where most of the pack will be! <:}

Seriously, I like it.

73/72/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Rod N0RC wrote:

> So how about it? SOP from now on indicate UP/D in the Fox CQ? Perhaps
> even better might be to call UP/D AND by how much e.g. CQ FOX N0RC UP1
> K.

Date: Sat, 6 Jul 2002 22:41:36 -0700
From: Conrad Weiss <radman@best.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>,
 "Phil Wheeler" <w7ox@earthlink.net>
Subject: [129298] RE: Original Price of DSW-20
Message-ID: <01C2253E.49E464A0@209-162-48-220.thegrid.net>

Phil, Dave, Trev & all,

I remember Dave Benson's "DSW last call" posting like it was yesterday - even tho' it was nearly two years ago! Right around Oct 14th, 2000 was the cut-off for the "final 100+" run of kits. I recall wagering silently that Dave had a top secret, highly-classified DSW--MK-II-G that he would launch, right after he "dumped" the last of his great classics ;) Wow - how wrong I was!! I felt lucky to snag a kit from a buddy who'd paid \$150 for it, then brokered it to me for the same price.

Talk about a gold rush - the last of Dave's DSWs were as scarce as seats at Yankee Stadium during the playoffs - and priced accordingly ;)

Any way, the answer to your question - final run of the DSW - in Dave's own words, from the QRP-L archives:

"They're roughly the same price as before- \$135 or \$100 board-only, those prices include shipping within the US and Canada- others contact me for shipping information. Same bands as before- 80M, 40M, 30M or 20M." [Note: the \$135 included the Doug Hauff anodized "cool blue" case.]

Hmmmm, would a "ground swell" of emails to Dave to encourage the resurrection of "Son of DSW"? I sure hope so :)!

Best,

Conrad Weiss
NN6CW

From: Phil Wheeler[SMTP:w7ox@earthlink.net]
Sent: Saturday, July 06, 2002 7:01 PM
To: Low Power Amateur Radio Discussion
Subject: Original Price of DSW-20

Can anyone help me recall what this kit sold for (incl. the enclosure)?

TIA es 73, Phil

Date: Sat, 6 Jul 2002 22:40:44 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [129299] KG6CYN Site Updated
Message-ID: <008001c22578\$d762e100\$547579a5@tjnotebook>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Gang,

I updated the site this evening with a bunch of microcontroller development software. These are the tools that I used to develop the Experimenters DDS

Signal Generator. Take a look, download, and hope you find something usefull!

73'S Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

or

<http://www.qsl.net/kg6cyn>

Date: Sun, 07 Jul 2002 05:47:00 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: jokortge@prodigy.net, qrp-1@lehigh.edu
Subject: [129300] Re: New Kit(s)
Message-ID: <F26oEAog60lbafmErnw00006f77@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Jim wrote:

>As for status: It is still alive, and being worked on as time
>permits, but not very active this summer, as the cycling season is
>in full swing. Dennis up in Oscoda is actually building one, with
>some help from me. He has the receiver almost done, and I've got
>to get more active on the Tx section, so he can build that when he
>gets the receiver done.

The Rx is coming along nicely. It is about half done - lots of overtime at work and other stuff is QRMing my progress. So far it is working great and hopefully I will be able to get back to seriously building it this week or the next! I think that it will be a great rig to build and operate! I know that I have had a blast with my 2N2/40+ !!!

72 es oo

Dennis - WB0WAO

NJQRP #329

FPQRP #-347

SOC #499

FISTS # Pending

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Sun, 07 Jul 2002 05:51:49 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: brian@iquest.net, fpqrp-l@mpna.com, qrp-l@lehigh.edu
Subject: [129301] Re: [fpqrp] Indy Hamfest
Message-ID: <F216jk3QSVpml1yl1DF000095ac@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hmmmmmm, Should we now address Brian as "Brother Brian"?

72 es oo

Dennis - WB0WAO

NJQRP #329
FPQRP #-347
SOC #499
FISTS # Pending

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Sun, 7 Jul 2002 01:21:00 -0500 (EST)
From: <igeq100@iupui.edu>
To: Brian <brian@iquest.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129302] Re: Indy Hamfest
Message-ID: <Pine.GS0.3.96.1020707011728.29580C-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Brian -

Just a note of thanks for your efforts in putting together the QRP forum at the Indy Hamfest. It was good to see that it was well attended, and that the audience included people who had not yet tried QRP operation.

Glad that the forum was invited back - maybe the audience will be even larger next year.

Thanks again for your efforts (and to all the others who helped).

72,

Rich, WB9LPU

Date: Sun, 7 Jul 2002 05:51:50 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Jim Campbell <jim-c@nc.rr.com>
Cc: qrp-l@lehigh.edu
Subject: [129303] Real Antenna
Message-ID: <Pine.LNX.4.44.0207070535280.1651-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 6 Jul 2002, Jim Campbell wrote:

> Karl,
>
> I live in an antenna-restricted subdivision so I have an attic dipole.
> Based on recommendations on the QRP-L I made an 88 ft dipole fed with
> 300 ohm twin-lead. I do use about 10 ft of RG-59 to come from the attic
> down through the wall to the shack. I am using a choke balun where the
> twin-lead connects to the coax. I don't work on the air all that much,
> but in general if I can hear them, I can work them.

Hi jim your antenna system sounds COOL! Could you guess at the length of the 300 ohm line? I need to know that for analysis says you need enough 300 ohm line to make a transformer that matches 88 feet on 80 meters.

>
> I recently got an MFJ-259B. I used it to check the characteristics of
> this antenna system. Following are the results:

>
> Freq. R X SWR
> 1.860 21 99 10.8
> 3.55 16 25 3.7
> 7.60 23 48 4.2
> 10.120 5 21 9.4
> 14.050 505 165 9.1
> 18.120 13 62 8.6
> 21.050 80 89 3.6
> 25.075 10 33 5.7

> 28.060 41 105 5.9
> 50.050 41 38 10.8

>

> Interestingly enough, my K2 ATU has no trouble getting a reasonable SWR
> on all bands except 6 meters. I am using a Ten-Tec transverter there,
> so the K2 ATU only sees the input impedance of the transverter.

>

These figures are typical of this antenna and it simply does
work great. No idea why the K2 doesn't like your transverter.

> Now to the point of this e-mail. Even though the K2 is able to get a
> reasonable SWR as seen by the finals, the SWR on the transmission line
> is what the 259B reports. It seems to me that this is causing
> considerable loss of signal. Even though the K2 drives the 88-ft dipole
> OK, I would be doing better with a resonant dipole. Better as in less
> loss in the transmission line.

>

First, loss due to SWR is a function of the feedline. 300 ohm
ribbon has really low loss to SWR. If you want super low loss use 450
ohm ribbon (in your set up you will loose about 1/100 watts less).

The 10 feet of lousy coax will loose nothing. So your not loosing
anything worth thinking about due to your high SWR. It's common to think
that a high SWR causes loss, but it doesn't if you have a tuner that
matches your rig's output. You do.

> I would like to hear your comments on this.

>

Jim I Cc this message to the QRP-L list because I think a lot of people
are interested.

> Thanks es 72/73,

>

> Jim

> W4BQP

>

> "Karl F. Larsen" wrote:

> >

> > Doc pick up a FT-817 which is smaller and more versital. Take a dipole
> > 88 feet long fed with 300 ohm ribbon and your tuner and your on all
> > bands even VHF and UHF!

>

>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Sun, 7 Jul 2002 09:33:35 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". NJ QRP-L" <njqrp@njqrp.org>, ". QRP-L" <qrp-l@lehigh.edu>,
".G-QRP Club" <GQRP@egroups.com>, <Elecrafft@mailman.qth.net>
Subject: [129304] Last Call
Message-ID: <001a01c225ba\$e596b840\$e1e35cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

This could be the very last call for the Telephone Area Call scores. At the moment we have only a total of 14 entries. There were over 75 stations in the contest. If we have under 25 entries in the contest, it will no longer be ran in the future.

If you were in the contest and you only made 2 or 3 QSO's,

Please send me your log, what rig you were using and power output via E-mail. You could save the contest from becoming extinct. The down side of this contest going extinct is that the EPA QRP Contest Calendar will no longer be published. The calendar supports the plaques and awards given out for the contest and since there will be no need for the awards the calendar will also disappear.

So if you made only 1 contact in the TAC contest please e-mail them to me via n3epa@fast.net .

All scores will be published on July 8, 2002 at 23:00 UTC on www.n3epa.org/
.

Thank You,
72 & Good DXing

Ron Polityka
de N3EPA
n3epa@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv

www.n3epa.org/

Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

Date: Sun, 7 Jul 2002 10:20:45 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [129305] Re: on Being the Fox
Message-ID: <003501c225c1\$7e102ba0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Rod N0RC" <rod@n0rc.us>
Subject: on Being the Fox

> So how about it? SOP from now on indicate UP/D in the Fox CQ? Perhaps
> even better might be to call UP/D AND by how much e.g. CQ FOX N0RC UP1
> K.

I think this would be very good. Early in the hunt I had the feeling you were listening on or very near your own frequency. Since I remembered a note suggesting you would be listening 1k up, this confused me somewhat. Didn't help that the other contest was going on and a very strong station was about 500Hz up. Meant I couldn't move 500Hz up and split the difference, hoping I would be in your passband.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 7 Jul 2002 08:21:03 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129306] Re: Flagstaff Arizona
Message-ID: <Pine.BSI.3.96.1020707081339.24327A-1000000@usr01.primenet.com>
MIME-Version: 1.0

On Sat, 6 Jul 2002, Karl F. Larsen wrote:

Only the first of the two fires was started by an individual involved in forestry work, in his case he was a seasonal firefighter with the BIA who wanted to earn income fighting it. The second fire was started by a 31-year-old woman who had abandoned her vehicle, which had run out of gas. She had no maps, no food, and little water. She was on the Fort Apache reservation without a trespass permit, and had gained access by using a USFS road which had been closed due to the fire hazard. She is not associated with forestry in any way.

Chris

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Sun, 7 Jul 2002 11:28:20 EDT
From: WE7X@aol.com
To: w5yr@att.net, qrp-1@lehigh.edu
Subject: [129307] Re: YABQS (Yet Another Battery Question-Solution)
Message-ID: <bf.22ce777d.2a59b814@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I found a simple circuit which could be easily adapted to turn on a charger at a predetermined voltage. It is from the Late Roy Gregson W6EMT, and was published in the NWQRP newsletter in the early 90's.

It is a very simple two transistor circuit which was intended to operate a relay to turn on a buzzer to indicate low voltage. The relay could just as easily turn on a charger via a timer for some preset time.

I anyone is interested, I can make it available.

WE7X

Date: Sun, 7 Jul 2002 09:35:45 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Rod N0RC <rod@n0rc.us>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [129308] Re: on Being the Fox
Message-ID: <Pine.LNX.4.44.0207070926490.2581-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes split operation allows all the Hounds to hear the Fox (if they have propogation). And it's used by all good CW DX stations.

I have an idea I would like to test fly. I know that 14.060 is the QRP frequency but 14.064 has a pactor base station operating and here at least that noise wipes out most QSO's from 14.610 up.

The last 2 hunts we have had one Fox at 14.061 and the other at 14.053 or such. My experiance as Hound has been that the low frequency Fox is in the clear and the high frequency Fox was in QRM.

So I want to suggest that the next Fox's take 14.055 and up 2 and the other Fox take 14.053 up 2. Your off the Fist gang and away from the digital noise.

On Sat, 6 Jul 2002, Rod N0RC wrote:

> Folks,
>
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> so, e.g. CQ FOX N0RC UP K. In the interest of good operating
> procedure, I think it wise to add this item to the Fox CQ protocol.
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> consider a contest OP who knows nothing about Fox hunting. Hearing CQ
> FOX N0RC K might be confusing. Hearing CQ FOX N0RC UP K tells the OP
> to listen up (should they choose) to help them figure out what is
> going on. Also, it tells the Hounds where to transmit, minimizing to
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> even better might be to call UP/D AND by how much e.g. CQ FOX N0RC UP1
> K.
>
> 73, Rod N0RC
>
>
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Sun, 7 Jul 2002 08:54:17 -0700
From: Bruce Grubbs <mail@brucegrubbs.com>
To: ctrask@primenet.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [129309] Re: Flagstaff Arizona
Message-ID: <E17REM3-0001j4-00@flamingo.mail.pas.earthlink.net>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Hi Chris,

Yes, I drove to the San Juan Mountains in Colorado to do Field Day, and even then I had to make it into a mini backpack trip because the forest had just been closed to car camping.

Looking at the water vapor sat images, the southerly flow is looking pretty good to me. I have to agree with the official forecast we've been getting that the monsoon should come in soon. Now, whether it'll be a wet one, or just hit us with a lot of dry lightning... that's another question.

Flagstaff is OK on water, because we mine the deep aquifer with 2000 foot plus wells, once Lake Mary is too low. We are on water restrictions, which should probably be a lot stricter.

73

Bruce

N7CEE

Flagstaff

Date: Sun, 7 Jul 2002 09:04:07 -0700

From: Bruce Grubbs <mail@brucegrubbs.com>

To: k5di@zianet.com,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [129310] Re: Flagstaff Arizona

Message-ID: <E17REVZ-0005Dy-00@pintail.mail.pas.earthlink.net>

Content-Type: text/plain;

charset="iso-8859-1"

MIME-Version: 1.0

Content-Transfer-Encoding: 8bit

Karl and the gang,

All of the national forest and state forest land south of Flagstaff IS closed, as well as in the rest of the state. There's no control over private land, of course-- which is why the Flagstaff KOA is open.

I have to disagree about campers being more responsible with fire than smokers, etc. Just based on personal observation, I think that the majority of people are responsible- otherwise all of the forest would be ashes by now. There's a certain percentage of people that are either ignorant (after 50 years of Smokey the bear campaigns!!!) or don't care. Every day you can see smokers with local Flagstaff plates tossing their cigarettes out their car windows. On the other hand, the Leroux Fire that nearly burned the south slopes of the San Francisco Peaks last summer was started by two campers who later admitted they made no attempt at all to put out their campfire. And in 1996 the fire that burned all of Four Peaks was started by an abandoned

campfire.

I'm afraid compared to the potential for disaster, the loss of the camping at Ft. Tuthill is a very small matter. The hamfest will still go on, there are several private campgrounds in town, and plenty of motel rooms (if you make a reservation soon). And next year, if some fool doesn't burn it all down, we'll still have a beautiful pine forest to camp, hike, bike, ski, and play radio in...

73
Bruce
N7CEE
Flagstaff

Date: Sun, 7 Jul 2002 11:25:55 -0500
From: "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
To: <k5di@zianet.com>
Cc: <qrp-1@lehigh.edu>
Subject: [129311] Re: on Being the Fox
Message-ID: <001501c225d2\$f8324880\$6579d118@wi.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl,
14.053 up 2 is 14.055. Hounds calling the fox on 14.055 would QRM the fox on 14.055. Or am I not seeing this right?

Glenn, WE9K

----- Original Message -----
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, July 07, 2002 10:35 AM
Subject: Re: on Being the Fox

>
> Yes split operation allows all the Hounds to hear the Fox (if they have
> propagation). And it's used by all good CW DX stations.
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> >
> > 73, Rod N0RC
> >
> >
> >
> >
> >
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
>

Date: Sun, 7 Jul 2002 09:42:41 -0700 (PDT)
From: Jim Cluett <w1pid@yahoo.com>
To: qrp-l@lehigh.edu

Subject: [129312] Lobstercon Report

Message-ID: <20020707164241.74691.qmail@web11606.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Lobstercon Report

Lobstercon was an absolute blast. It was organized by Rex W1REX and held near Brunswick, Maine on the ocean over the weekend. The Thomas Point Beach campground was perfect. Lots of tall trees in the 75 foot range. Great camp sites reserved for the QRP group. Some remarkable QRP dignitaries present: Doug Hendricks KI6DS, Dave Benson K1SWL from Connecticut, Steve "Melt Solder" Weber of northern New Hampshire to name a few. Nearly 20 people camped Friday night. Another half dozen showed up Saturday. Seab Lyon put up a couple of the most amazing antennas I've ever seen.

A kite with somewhat more than 40 square feet rose to 600 feet. It had a 40 to 50 pound lifting capacity. Imagine the vertical on that sucker! Seab put up a 44 foot lazy-H. He said it had a 15 db gain over a dipole on 15 meters! The top of it was probably 60 feet up. The bottom about 40 feet.

Everyone had some kind of antenna up at their site. (I worked Algeria on 15 meters with an open-wire fed doublet up about 25 feet and the 817.) Steve "Melt Solder" had a 75 ohm ladder line fed doublet up at about 45 feet. You should have seen these guys with sling shots. Real pros. Steve's homebrew rigs are absolutely genius material. The sight of Doug Hendricks tooting around

on a battery powered scooter from station to station regaling all with his QRP stories was super. Dave Benson gave us a "rock mite;"

it's a tiny 700mw xtal radio for 7040. Should take about two hours to build. You'll definitely hear reports on that soon. And he showed us the prototype for the son of DSW. It's an incredibly handsome variation of the original. No harnesses. Beautiful box. Said it should be available in a month. (Hope this wasn't a secret Dave!) Dennis K1LGQ had NEQRP mugs and T-shirts for sale. Many thanks to Rex for getting this together. Thanks to those who came and made this the most exciting, most pleasant QRP gathering ever. I had to leave before dinner Saturday evening for obligations back home. I trust others will continue

the story of Saturday night and Sunday. 73 de Jim w1pid@arrl.net

Do You Yahoo!?
Sign up for SBC Yahoo! Dial - First Month Free
<http://sbc.yahoo.com>

Date: Sun, 07 Jul 2002 12:49:44 -0400
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129313] Re: on Being the Fox
Message-ID: <3D2838E8.26209.9D23090@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 7 Jul 2002 at 9:35, Karl F. Larsen wrote:

>
> So I want to suggest that the next Fox's take 14.055 and up 2 and the
> other Fox take 14.053 up 2. Your off the Fist gang and away from the
> digital noise.

Let's see, that would put the pack calling the 14.053 fox directly on top of the
14.055 fox.

Very clever! Let's try that.

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
/ _/_ _/_ _/_ _/_ ARCI, NJQRP, ARQrp,GQRP,RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Sun, 7 Jul 2002 11:11:33 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Glenn Butzlaff <gbutzlaff@wi.rr.com>
Cc: qrp-l@lehigh.edu
Subject: [129314] Re: on Being the Fox
Message-ID: <Pine.LNX.4.44.0207071110330.2956-1000000@Daisy.dog>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Glenn yes the lower frequency should, in the example be 14.0520.

On Sun, 7 Jul 2002, Glenn Butzlaff wrote:

> Karl,
> 14.053 up 2 is 14.055. Hounds calling the fox on 14.055 would QRM the fox on
> 14.055. Or am I not seeing this right?
>
> Glenn, WE9K
>
> ----- Original Message -----
> From: "Karl F. Larsen" <k5di@zianet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Sunday, July 07, 2002 10:35 AM
> Subject: Re: on Being the Fox
>
>
> >
> > Yes split operation allows all the Hounds to hear the Fox (if they have
> > propogation). And it's used by all good CW DX stations.
> >
> > I have an idea I would like to test fly. I know that 14.060 is the QRP
> > frequency but 14.064 has a pactor base station operating and here at
> > least that noise wipes out most QSO's from 14.610 up.
> >
> > The last 2 hunts we have had one Fox at 14.061 and the other at 14.053
> > or such. My experiance as Hound has been that the low frequency Fox is
> > in the clear and the high frequency Fox was in QRM.
> >
> > So I want to suggest that the next Fox's take 14.055 and up 2 and the
> > other Fox take 14.053 up 2. Your off the Fist gang and away from the
> > digital noise.
> >
> >
> > On Sat, 6 Jul 2002, Rod N0RC wrote:
> >
> > > Folks,
> > >
> > > Working hounds split has become the norm. But few call CQ indicating
> > > so, e.g. CQ FOX N0RC UP K. In the interest of good operating
> > > procedure, I think it wise to add this item to the Fox CQ protocol.
> > >
> > > Why? Consider my run while the MI QSO party was going on. And,
> > > consider a contest OP who knows nothing about Fox hunting. Hearing CQ

> > > FOX NØRC K might be confusing. Hearing CQ FOX NØRC UP K tells the OP
> > > to listen up (should they choose) to help them figure out what is
> > > going on. Also, it tells the Hounds where to transmit, minimizing to
> > > some extent the QRM to others trying to operating who are not in the
> > > hunt.
> > >
> > > So how about it? SOP from now on indicate UP/D in the Fox CQ? Perhaps
> > > even better might be to call UP/D AND by how much e.g. CQ FOX NØRC UP1
> > > K.
> > >
> > > 73, Rod NØRC
> > >
> > >
> > >
> > >
> >
> > --
> > Yours Truly,
> >
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> > <http://www.zianet.com/k5di/>
> >
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Sun, 07 Jul 2002 13:34:31 -0400
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [129315] Re: on Being the Fox
Message-ID: <3D284367.26205.9FB3624@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 7 Jul 2002 at 11:11, Karl F. Larsen wrote:

>
> Hi Glenn yes the lower frequency should, in the example be 14.0520.

>

One word, only one..... DUH!

--

/_ \ /_ \ /_ \ /_ \ /_ \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_ / _ / _ / _ / _ / ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Sun, 7 Jul 2002 11:38:11 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [129316] Re: on Being the Fox
Message-ID: <004d01c225dd\$10fdbde0\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl et.al.,

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, July 07, 2002 9:35 AM
Subject: Re: on Being the Fox

>

> Yes split operation allows all the Hounds to hear the Fox (if they
have
> propagation). And it's used by all good CW DX stations.
>

What is it that is used by good DXers. Split operation or propagation?
;-)

> I have an idea I would like to test fly. I know that 14.060 is the
QRP
> frequency but 14.064 has a pactor base station operating and here at
> least that noise wipes out most QSO's from 14.610 up.

>

YEOW!! That is a 3-5kHz band segment. AFAIK PACTOR signals should be less than (much less than?) 1kHz BW. Somebody ought to contact the PACTOR OP, and have him/her check out their setup. OR, maybe you better check your filter setup Karl, perhaps they're set too wide. I regularly work the sprints and contests in the 14062-14064 range. Usually with my K2 which has excellent close-in dynamic blocking characteristics, (sometimes I use my 74pro; with it's DSP and adjustable Notch filter, life is good).

Now before we act without cause, does anybody else have trouble with 14.061-14.062 and a FOX OP FREQ?

> So I want to suggest that the next Fox's take 14.055 and up 2 and the
> other Fox take 14.053 up 2. Your off the Fist gang and away from the
> digital noise.
>

Aside from trashing the other fox as you point out; your 14.055 will likely cause problems for county hunters at 14.056 and the FISTS at 14.058. A large pack can easily spread out 2kHz.

73, Rod N0RC

Date: Sun, 7 Jul 2002 10:58:03 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: "qrp" <qrp-l@lehigh.edu>
Cc: "azqrp" <azqrp@extremezone.com>
Subject: [129317] Tuthill 2002 Lodging/camping
Message-ID: <004c01c225df\$d7e77480\$aa4998d0@bobscomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The AZ ScQRPions have reserved three double rooms at the Flagstaff Motel 6 on Butler Avenue(<10 miles from Tuthill) for those who need a place to lay their head, and can't find anything.

If you need a bed, and are willing to share with someone, please let me know

and I'll put your name on one. The cost is \$50.00 per night, and will be split among the occupants.

We only have 3 rooms, so you might first try to get one on your own, if you prefer. There is another Motel 6 at the same Exit on I-40. Phone number is 928-774-8756.

There doesn't seem to be any shortage of motel space right now, so if you need a place to stay, best get your reservations in now. Most motel chains have web sites and will take online reservations.

As mentioned before, the campgrounds are closed. I have secured sites for RV's in the gravel area, and have tentatively allocated them to those that I know will need them:

Doug Hendricks KI6DS
Paul Harden NA5N
Jay Miller WA5WHN
Gary Bonebrake W5BI
Paul Playford W8AEF
Karl Larsen K5DI

If you are one of the above, and DO NOT need a space, please let me know ASAP so I can release it to someone else that does.

Thanks,
Bob NK7M

Date: Sun, 07 Jul 2002 14:25:57 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: qrp-l@lehigh.edu
Subject: [129318] Crystal Sources?
Message-ID: <3D2887B5.F6AD615@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi

I plan to modify one of my HW-8s to cover other bands, but it looks like the HC-6/U packages aren't all that easy to come by these days. At least, that's how it looks on the ICM, JAN, and Bomar sites.

Any suggestions?

Tnx - Al, K2ZN

Date: Sun, 07 Jul 2002 14:29:03 -0400
From: Jim Campbell <jim-c@nc.rr.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [129319] Re: Real Antenna
Message-ID: <3D28886F.78EDDCE7@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Karl F. Larsen" wrote:

<snip>

> Hi jim your antenna system sounds COOL! Could you guess at the length of
> the 300 ohm line? I need to know that for analysis says you need enough
> 300 ohm line to make a transformer that matches 88 feet on 80 meters.

I would guess that the twin-lead (300 ohm) is about 30 ft long. In addition, the center of the antenna is in the center of the house up high, then slopes down to the fascia board (eaves) at each end of the house, then drops vertically down the outside of the house at each end. The house isn't long enough to contain the entire 88 feet of antenna.

<snip>

> > Interestingly enough, my K2 ATU has no trouble getting a reasonable SWR
> > on all bands except 6 meters. I am using a Ten-Tec transverter there,
> > so the K2 ATU only sees the input impedance of the transverter.
> >

> These figures are typical of this antenna and it simply does
> work great. No idea why the K2 doesn't like your transverter.

I didn't make myself clear. On 6 meters, the output of the K2 is connected to the input of the transverter, and the output of the transverter is connected to the antenna. Thus, the KAT2 only sees the input impedance of the transverter, and it's quite happy with this. There is no antenna tuner on the output of the transverter so the transverter has to cope with the 10.8:1 SWR all by itself.

Thanks es 72/73,

Jim

W4BQP

Date: Sun, 7 Jul 2002 15:01:00 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [129320] Another radio vacation adventure
Message-ID: <20020707.150230.-223757.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Well, one week at the beach (Garden City Beach, SC) with Cindy's two elder brothers & their families has come & gone. We took two days to drive down & one day drivin' back. In between we sat on the beach absorbing UVs, coated each other with UV filter juice & had a pretty good time. The women drink or shop & the men cook or fish or sit around talkin' about stuff. (Bein' as Cindy's eldest brother is the head of the state's roads & ditches department, it was kinda fun to critique the highways of states we drove through. That and stare at people who have no common sense when it comes to beach apparel. One female beach person looked like of them orange barrels. No joke. Not that bein' a gravity well is bad, mind you. It was just the shock of seein' one of them barrels walk, you know?) My youngest & his one-year-older cousin sat on the beach & "watched chicks." I didn't see any. A couple pelicans & assorted other beach-side birds, but no chicks.

Took the SG2020 with me in the road-case-of-road-rage. It worked ok with the home brew Z-match, but not so good that I felt like usin' it. In fact, I weren't even that much tempted. Heard the gang on 7248 oncet or twicet. Poked around on 17m & found that the NB does indeed work pretty good. After a couple days of leavin' it on the screened-in back porch & hosed up to about 100 ft or wire hangin' off a nail on the porch doorposts & pointed out to the tidal marsh I packed all the stuff up & put it away.

I'd also taken the Icom T2H with me (and a bag of AAs & the charger & all that in the case with the SG2020). Two days before we left I stopped at the local RadioShack & picked up one of their speaker-mic doodads. That made life easier. On the way out I'd heard a couple guys now & then on '520 but never had a Q. Same-same on the way back. Somewhere in WVA there were a couple guys trying to coordinate the setting up of some extra new repeater stuff.

On the beach I had a couple 2m Qs with guys around the area. It was interesting. That and lookin' for the SKYWARN guys when the weather went toward stormy.

Truth be told, I almost wished that I'd brought the alto sax instead of the radio. Maybe I'm getting old or bored or it just ain't that big a deal with me any more. Except for the Qs on 2m, I didn't get much motivated to even try talkin' to someone on HF. Part of that was 'cause the '2020 has a tendency to get squirrely below about 10W. At 10W & up it'd look nice both directions on the ATU. But at 5W all I got was high SWR meter readings. If I nulled out the SWR as best I could at 5W, I'd up the power to 10W and the SWR would be 1:1-ish. Kinda weird.

That and all the accouterments (tuner, antenna wires, power supply, radio, mics & whatnot) takes up a lot of real estate & fiddlin'-with-it time to me.

There was a couple guys at Dayton this year walkin' around with Iraqi (so they said) HF manpack radios. Wonder how much fun I'd had with one of them sand-grey bullet attractin' boxes.

Probably about as much as the neighbors in nearby rented beach houses would have enjoyed my playing beat-up versions of old Sonny Rollins riffs.

At least now I'm back & ready to start thinkin' of thinning down the radio hoard again . . .

73

Nils

Nils R. Bull Young -- W8IJN -- La Estancia de los Guajolotes Sonrientes
<http://w8ijn.tripod.com> -- <http://members.fortunecity.com/nilsbull>
"The island is closer than your memories are." -- Ian G. Bull Young, 15
Feb 2002

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Date: Sun, 7 Jul 2002 15:03:03 -0400

From: "Thaire Bryant" <w2apf@attbi.com>

To: "QRP-L" <qrp-l@lehigh.edu>, "Elecraft" <elecraft@mailman.qth.net>

Subject: [129321] QRP/ V01
Message-ID: <000b01c225e8\$eda74d00\$d2a85b18@ne.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I will be vacationing in Newfoundland 7/13-7/19/02
with K2 #948 (and XYL). I will be on the air mornings
and evenings on the QRP frequencies (40-10M). The
first three days will be at Gros Morne National Park, and the last three
days at L'Anse aux Meadows (Viking site).

Are there any list members in Western Newfoundland?

Thaire W2APF (/ V01)

Date: Sun, 07 Jul 2002 13:15:22 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>
Cc: <k5di@zianet.com>
Subject: [129322] Re: Real Antenna
Message-ID: <B94DEF6A.18810%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Jim - Karl posted your note to QRP-L, but neglected to give your e-mail
address for a reply.

Are the impedance measurements you quote measured at the end of the 50 Ohm
line, the end of the 300 Ohm line, or at the antenna? Is the SWR you quote
measured at the antenna? If so with respect to what feedline impedance?
Using your reactance measurements, I can get close, but not exactly match
your SWR numbers assuming a 50 Ohm reference. It may be the error inherent
in the MFJ-259.

At any rate, I would worry a bit about the losses in the tuner on the bands
with low resistive components; 10.12 MHz, 18.12 MHz, and 25.075 MHz. Antenna
tuners tend to get lossy with low resistive loads. You might want to
experiment adding or subtracting a bit of 300 Ohm feedline to get a better
match. If you haven't looked at the work that Cecil, W5DXP has done on using
varying feedline lengths to match an antenna, that may prove productive:

<http://www.qsl.net/w5dxb/notuner.htm>

The feedline losses probably won't be too bad since they are short. You can calculate them exactly if you know the SWR in each transmission line.

It sounds like you have a good antenna system. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 7 Jul 2002 12:19:04 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Bob Hightower <nk7m@extremezone.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129323] Re: Tuthill 2002 Lodging/camping
Message-ID: <Pine.BSI.3.96.1020707121738.27648B-1000000@usr01.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 7 Jul 2002, Bob Hightower wrote:

> The AZ ScQRPions have reserved three double rooms at the Flagstaff Motel 6
> on Butler Avenue(<10 miles from Tuthill) for those who need a place to lay
> their head, and can't find anything.
>
> If you need a bed, and are willing to share with someone, please let me know
> and I'll put your name on one. The cost is \$50.00 per night, and will be
> split among the occupants.
>
> We only have 3 rooms, so you might first try to get one on your own, if you
> prefer. There is another Motel 6 at the same Exit on I-40. Phone number is
> 928-774-8756.
>
> There doesn't seem to be any shortage of motel space right now, so if you
> need a place to stay, best get your reservations in now. Most motel chains
> have web sites and will take online reservations.
>

Are they going to set a limit of six amateurs to a bed like they
do with skiers in the winter? :{)

Chris

,-----
High Performance Mixers and

Date: Sun, 07 Jul 2002 16:10:45 -0400
From: Jim Campbell <jim-c@nc.rr.com>
To: jamesd1@flash.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129325] Re: Real Antenna
Message-ID: <3D28A045.3332FCDB@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"James R. Duffey" wrote:

>
> Jim - Karl posted your note to QRP-L, but neglected to give your e-mail
> address for a reply.
>
> Are the impedance measurements you quote measured at the end of the 50 Ohm
> line, the end of the 300 Ohm line, or at the antenna? Is the SWR you quote
> measured at the antenna? If so with respect to what feedline impedance?
> Using your reactance measurements, I can get close, but not exactly match
> your SWR numbers assuming a 50 Ohm reference. It may be the error inherent
> in the MFJ-259.

Jim,

The RG-59U was unplugged from the back of the K2 and plugged into the 259B. About 10 ft of RG-59U runs from the transmitter into and up through the wall to the attic. The far end of the coax has a choke balun made up of five toroid cylinders purchased from Palomar Engineers. Next is about 30 ft of cheap 300 ohm twin-lead. I suppose that it would be better to use 75 ohm twin-lead, but I just used what I had on hand. Last is the 88 ft dipole fed in the center.

I realize that the 259B isn't all that accurate, but it is close enough for amateur work. As I said in my first post, I can usually work 'em if I can hear them. However, having all that wood and asphalt above the antenna makes one wonder how much better it would be if it were outside.

Karl answered my primary question. I'm not really losing all that much power even if the SWR is quite high on some bands. I may try to get some 75 ohm twin-lead and see a slight improvement.

Thanks to all for helping me feel better about my handicapped antenna system.

72/73

Jim
W4BQP

Date: Sun, 7 Jul 2002 16:23:18 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [129326] 'of DSWs and ground swells'
Message-ID: <001001c2260d\$8a6b18a0\$7fba3a41@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

gang-

>>-----Original Message-----

From: Conrad Weiss <radman@best.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Saturday, July 06, 2002 22:41 PM
Subject: RE: Original Price of DSW-20

<snip>

>>Hmmm, would a "ground swell" of emails to Dave to encourage the
resurrection of "Son of DSW"? I sure hope so :)! <snip> <<

Hopefully you had a chance to read Jim Cluett's post this morning. I had a
DSW-II on the air at 'LobsterCon', thanks to a nice antenna setup provided
by
Seab Lyon, AA1MY. 20 meters wasn't very hot but we did manage to work a
few stateside and European stations.

I need to make several tweaks to the new board layout before I'm willing to
go to board production. It's a complete repackaging- both board and
enclosure are extensively revised. Jim spoke correctly- I'm looking at about
one month to have this product available in production form again. I have
the
new enclosures in hand already and the supply issues with the critical DDS
component have subsided- Analog Devices is now making regular and timely
shipments of the item.

I also need to stay focused on getting this project into production. I'll

get images and other information up on my website as soon as possible. Please- don't ask me to 'set one aside for you'- managing the e-mail workload takes time away from actually getting the project wrapped up. When I'm ready to go, you'll hear about it. :-)

73- Dave

Dave Benson, K1SWL
dave@smallwonderlabs.com
<http://smallwonderlabs.com>
Phone/fax 860-537-8031

Date: Sun, 7 Jul 2002 16:10:37 -0500 (CDT)
From: psykey@okcforum.org (Jim Glover)
To: qrp-1@lehigh.edu
Subject: [129327] Re: YABQ (Yet Another Battery Question)
Message-ID: <20020707211037.3D386883F@okcforum.org>

I've been thinking about this business of charging a battery in use, and it seems to me that a pair of relays should be another viable option for protecting the power supply.

Before I even get into that, let's mention fusing: right at the battery!...might as well make it both terminals, while we're at it.

Now that we've protected everything against the horrors of discharging the battery through a dead short, we still need to protect the power supply that's doing the charging from having the battery connected when the power is off. I believe we can achieve adequate protection with two relays.

Route the power supply output through two relays to the battery. The first relay should have a 12V (nominal) coil powered by the power supply output. This first relay will not close until the power supply has come on and is producing output. Next, we could route through a second relay powered by the AC supply. When the power dies, this relay will drop out. We need this because without it, the first relay would stay closed due the battery's voltage, once it had first closed. With it, a failure of the AC power will break the connection between the battery and the power supply, allowing the first relay to then open, too.

The only time this scheme would fail would be when the power supply stopped working for some reason (tripped breaker/fuse on input circuit, failure of some component, etc.) other than an AC power interruption. Perhaps making the second relay a 12V relay powered by the unfiltered power supply output (tapped before the regulator) would provide the same level of protection that more invasive modifications of the power supply might provide.

Can anyone think of a reason such a scheme would be inadequate?

73,
Jim WB5UDE

Date: Sun, 7 Jul 2002 17:10:49 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <jim-c@nc.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [129328] Re: Real Antenna
Message-ID: <008501c225fa\$c5eeabc0\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Jim Campbell" <jim-c@nc.rr.com>
> The RG-59U was unplugged from the back of the K2 and plugged into the
> 259B. About 10 ft of RG-59U runs from the transmitter into and up
> through the wall to the attic. The far end of the coax has a choke
> balun made up of five toroid cylinders purchased from Palomar
> Engineers. Next is about 30 ft of cheap 300 ohm twin-lead. I suppose
> that it would be better to use 75 ohm twin-lead, but I just used what I
> had on hand. Last is the 88 ft dipole fed in the center.
>
> Jim
> W4BQP

How did you wind your balun? 1:1? 4:1? 9:1?

I've run a 4:1 here with a short length of RG-59 then 300 twinlead the rest of the way, but on a hunch tried just going from a BNC to binding post adapter direct to the twinlead and it worked just as well. Tuned quite differently, and there were a few minor differences, but I decided it wasn't worth the effort to do the coax. The ATU in the K2 pulls 80 through 10m in just fine. (I have a 40M dipole up)

I got my 4:1 design right from a link on the Elecraft home page.

But, I have the twinlead going out a fairly direct window. And since the heat wave hit, I put an AC in the window, which actually helps. I now feed the twinlead through a tear in the plastic accordion on the side. I bought plastic hangers at Wal-Mart and use them to hang the twinlead about a foot below my metal rain gutters, then out to the dipole.

Your mileage may vary.

Mike

Date: Sun, 07 Jul 2002 17:27:15 -0400
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129329] Re: Real Antenna
Message-ID: <3D2879F3.7648.AD051111@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 7 Jul 2002 at 17:10, Mike Yetsko wrote:

>
> I've run a 4:1 here with a short length of RG-59 then 300 twinlead the
> rest of the way, but on a hunch tried just going from a BNC to binding
> post adapter direct to the twinlead and it worked just as well. Tuned
> quite differently, and there were a few minor differences, but I decided
> it wasn't worth the effort to do the coax. The ATU in the K2 pulls 80
> through 10m in just fine. (I have a 40M dipole up)

What you are doing is feeding one side of your antenna as a long wire, with the other side connected to ground (call it a counterpoise if you wish). Sure the K2 will match it, but it is by no means a balanced antenna any more.

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_ / _ / _ / _ / _ / ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Sun, 07 Jul 2002 17:26:28 -0400
From: Jim Campbell <jim-c@nc.rr.com>
To: Mike Yetsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129330] Re: Real Antenna
Message-ID: <3D28B204.A9E9C83D@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike,

The balun isn't wound, it is just cylinders slipped over the end of the RG-59U and held in place with shrink-wrap. Sevick calls it a Maxwell, W2DU, "choke" 1:1 balun.

Jim
W4BQP

Mike Yetsko wrote:

>
> How did you wind your balun? 1:1? 4:1? 9:1?
>

Date: Sun, 7 Jul 2002 15:44:34 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Niels Kristjansen <nkristja@cadvision.com>,
Earl Murphy <earlmurf@telusplanet.net>
Cc: Mary Cherry <mary@na6e.com>,
QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Subject: [129331] SASK Hamfest 2002 early report.(long)
Message-ID: <Pine.LNX.4.33.0207071430450.13164-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well our hamfest is over and most things went ok...the meals were FANTASTIC....man does that chef at the school know how to cook!... melt in your mouth food...all meals, breakfasts, lunches and the Saturday evening banquet were out-of-this-world...

...after the evening meal a comedian took the stage to the entertainment

of all...he really had the audience going when his subject switched to Agricultural hoohaws...

...it's official now.....I won the Liars' Contest and have a plaque to prove it...HAR!...my name and call will now be added to the famed list of liars that goes with the plaque...and that's all I'll say about that eh!?... :-) ...maybe I'll repeat my "story" at the Glacier QRP Get-together...it's called "The Day We Saved the Burnside School."

...I was able to attend 3 sessions...one about the aftermath of the Pilot Butte wind shear storm that many of us helped out at in 1995...this was no test; it was the real thing and the hams did themselves proud...the Mayor of Pilot Butte gave the talk and along with overheads showing the financial, political after-side of the event he had a couple of videos shot during the storm...all very interesting and informative...

...the second one I attended was how to make good QSL cards using commonly available programs...lots of options there and the cards can be anywhere from simple, to the point, to some very fancy ones...

...the third session I attended was a "hands=on"...the object was to construct an emergency/portable J-Pole antenna and tune it up for whichever part of the 2 mtr band that you wanted...this emergency 2 mtr J-Pole also rolls up into a small coil for storage,,,can be uncoiled and hung up for operation just about anywhere, very quickly...it's now hanging up in my shack in use...

...the sessions were very good with lots of useful information being given and passed out...lots (around 50) of nice door prizes throughout the weekend...we had 4 excellent prizes generously donated by the Ft.Smith QRP Group and they sure made a BIG hit at the QRP presentation; 2 VE3DNL marker generators and 2 TT2 kits...we put names in a hat and drew for them....thank you Ft. Smith!!...

...2/3 main prizes with a lottery prize of an excellent SONY Digital camera (2.something megapixels) worth \$500.00 Cdn were the high point for the Sunday morning draws...our hairdresser won the SONY so maybe I should mention something about free haircuts for me for a year eh!?!...HAR!...

...the first session I gave was the "Build a Code Oscillator" workshop... only 1 person came to build an oscillator...I had 15 kits ready...but this one person was a perfect example of the group we were aiming at and he did a fine job of putting the oscillator together, learning how to solder, fixing his errors and understanding what was going on...so the hours of preparation were worth it...you should have seen the ear-to-ear grin on his face when he first tried it and dar-di-dar-dit hit our ears!! ...the feeling I had looking at his grin made all the hours of problems

and preparation worth it!...

...my second presentation was the QRP seminar...I hit the "big time" here as 7 people attended and we had a great time...I went through quite a few qrp kits in Show & Tell mode, qrp magazines, awards, etc and everyone got to look at everything up close and personal...the highlite came when I hooked up my K2, strung a piece of wire from the antenna post, across the floor and out the schoolroom window and laid it on the ground outside...we tuned in several bands and listened to signals mainly on 20 mtrs...and the ATU tuned the piece of wire up to 2.8 to 1...everyone had a chance at tuning around the K3 while I explained and demonstrated some of the features it has...I think there maybe 1 or 2 possible orders going in for the rig...

...the downside was the low attendance...we got hit pretty bad picking a weekend for the hamfest...there just wasn't a weekend available with the hamfest being the only event that was taking place...there was a BIG music festival going on in the city and all the campgrounds were "eaten up" leaving no room for possible hamfest campers...lesson learned here is to check and re-check about "other" events and also find out what they are and what the draw, in people, will be and what effects on camping, etc...

...Bonnie & I ran the Registration Desk with a crew of 10 other people and we were all geared up and running smoothly for a crush of people for both Friday evening and Saturday morning...the "crush" didn't happen...pre-registrations were definitely down from 4/5 years ago and it turned out to be an indication of overall attendance this time around...

...the flea market was well attended and I picked up a couple of "goodies" but only 5 of about 9 who committed for the flea market showed up...I've gone on from time to time about having one of VE5VP's scratch-built keys...Val is retired and has a nice little machine shop in his backyard where he makes his "creations"...I have a VE5VP paddle which looks like a vibroplex bug and runs real smooth... I picked up one of his new straight keys on Saturday from his flea market table...drool, drool...hihi...these are works of art and NOT expensive...he should be charging more imho...

...3 of our Committee are meeting tomorrow to go over the financial end of things...we're hoping to either break-even or make a buck or two...we will definitely not make a few bucks as we have in other years...

...the entire Committee will be meeting in about 1 week to go over the the weekend looking for lessons learned, where we made good decisions and where we made bad decisions...

...all in all it was a nice little hamfest and I'm very glad I attended was was heavily involved in it...

...some of you may have noticed how I'm using "stealth psychology" to expose amateurs in this province to QRP...heh,heh...I statement here and a comment there about the joys of qrp, took my K2 out to Field Day for "exposure", gave a QRP seminar and let the people attending TOUCH the goodies, especially the K2, MAN does that draw them in!...

...and now it's rest time and then in 2 weeks I'm off to another Glacier/Waterton hamfest and another QRP Get-together... ;-)

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 7 Jul 2002 15:55:21 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Bob Hightower <nk7m@extremezone.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129332] Re: Tuthill 2002 Lodging/camping
Message-ID: <Pine.LNX.4.44.0207071550430.3488-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks Bob for a great job of making do with what's there! Alas myself and Karl Hess, WF5A have decided that if for some reason the camping area comes open for any reason we will come. If this doesn't happen we will not come.

Had you found me a time for my paper I would be obligated to come, and bring my trailer. But I am not obligated so please give my RV parking to someone else.

Sure hope to see you all there...Drought notwithstanding

On Sun, 7 Jul 2002, Bob Hightower wrote:

> The AZ ScQRPions have reserved three double rooms at the Flagstaff Motel 6
> on Butler Avenue(<10 miles from Tuthill) for those who need a place to lay
> their head, and can't find anything.
>
> If you need a bed, and are willing to share with someone, please let me know

> and I'll put your name on one. The cost is \$50.00 per night, and will be
> split among the occupants.
>
> We only have 3 rooms, so you might first try to get one on your own, if you
> prefer. There is another Motel 6 at the same Exit on I-40. Phone number is
> 928-774-8756.
>
> There doesn't seem to be any shortage of motel space right now, so if you
> need a place to stay, best get your reservations in now. Most motel chains
> have web sites and will take online reservations.
>
> As mentioned before, the campgrounds are closed. I have secured sites for
> RV's in the gravel area, and have tentatively allocated them to those that I
> know will need them:
>
> Doug Hendricks KI6DS
> Paul Harden NA5N
> Jay Miller WA5WHN
> Gary Bonebrake W5BI
> Paul Playford W8AEF
> Karl Larsen K5DI
>
> If you are one of the above, and DO NOT need a space, please let me know
> ASAP so I can release it to someone else that does.
>
> Thanks,
> Bob NK7M
>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Sun, 07 Jul 2002 15:57:25 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: Jim Campbell <jim-c@nc.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129333] Re: Real Antenna
Message-ID: <B94E1564.18824%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"

Content-transfer-encoding: quoted-printable

Jim - Thanks for your reply.

Again, I don't think that the losses in the short length of RG-59 will be enough to worry about. 10 ft of RG-59 will have 0.2 dB loss at 10 M when matched into a 75 Ohm load. With a 5.9 SWR at 10 M, there will be an additional loss of 0.4 dB, for a total loss in the RG-59 of 0.6 dB. The 300 Ohm twinlead will add some more loss, but you will need to calculate the SWR at that point to see what the loss is. There will be about 0.1 dB from the 30 ft of 300 Ohm twinlead when matched. sumingly a worse case of SWR is n the 300 Ohm portion is 10:1, then an additonal loss of roughly 0.3 dB will occur, for a total loss in the twinlead of roughly 0.4 dB. So you roughly have a loss of roughly 1 dB due to the feedline. There is probably a =B1 0.2 dB error due to the assumption of 10:1 AWR in the 300 Ohm twinlead. None th= e less this loss is probably acceptable.

As I said in my earlier post, I would worry about the losses in the K-2 ATU when matching the 5=B1j21 load on 10 MHz or the. I think it will be greater than the feedline losses, and may be some thing to worry about. Just a thought. - Dr, Megacycle KK6MC/5
--=20

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 07 Jul 2002 18:00:23 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [129334] Re: 'of DSWs and ground swells'
Message-ID: <F95pVVc4t3xtF0ggPaw00009bdc@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

HOT DAWG!

Mebbe there's a DSW-II-80 in my future after all!
I won't miss the chance this time...
Next fall and winter are looking better all the time :)

73.

Bill, N4QA
<http://www.qsl.net/n4qa/>

Join the world's largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Sun, 7 Jul 2002 15:51:16 -0700
From: "Ian Wilson" <ianmwilson@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [129335] Propagation mysteries
Message-ID: <001401c22608\$cddcf900\$0b02a8c0@trabucoserver>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Trying to understand some frequency-dependent behavior here.

I live in an antenna-unfriendly area. The best I've managed to position so far that hasn't attracted the wrath of the association is an 8' vertical about 8' off the ground. This is mounted at the corner of a low roof; the house has higher walls and roofs also. The house walls seem to be very HF unfriendly (embedded chicken wire, I'm told).

The coax ground connects to 2 radials for 10m, and a combination 20m/15m radial made from 300ohm twin lead (the 20m part of this is $\lambda/4$ long). A coax choke balun at the feed point is followed by coax to the shack (not very far away). I know this isn't a resonant setup for 20m, but I can replace the whip by a 20m HamStick for comparative purposes.

Anyway, to the point. During Field Day, I was able to talk to anyone I could hear on 15m, spanning the US easily. The same is true for 17m. I have also done reasonably well on 10m when the band has been open with this setup. However, 20m is a disaster. I've been trying to work QRP (2w) for a couple of weeks now with negligible success. I didn't have much luck QRO during Field Day either. I hear stations that are S9+ but no-one

seems to copy me.

Trying out an inverted V at 20' (resonant on 20m) hasn't helped. It brings in about 2 S units more than the vertical, but I'd say the signal/noise is about the same; and no contacts.

I don't think 20m can be *significantly* different from 17m; so probably I'm overlooking some factor. Thoughts, ideas for doing better? I have a nice SW-20+ here that's raring to go :)

Thanks for any ideas,

de ian k3imw/6

End of QRP-L Digest 2609

